



# EFFICIENT COOKSTOVES RWANDA

Improving household health conditions and tackling climate change with efficient cookstoves



*By distributing innovative cookstove technology to communities in Rwanda, this project benefits the environment by significantly reducing fuel consumption. Health conditions inside homes are improved due to the presence of less indoor smoke, and families can spend less time collecting wood fuel and more time with their families.*



### The Context

Biomass, principally firewood and charcoal, holds huge importance in Rwanda, accounting for a significant proportion of energy consumption. Biomass is often the predominant source of energy for cooking and water boiling, especially in rural areas. Cooking is generally carried out on thermally inefficient traditional devices and produces large amounts of smoke and indoor air pollution.

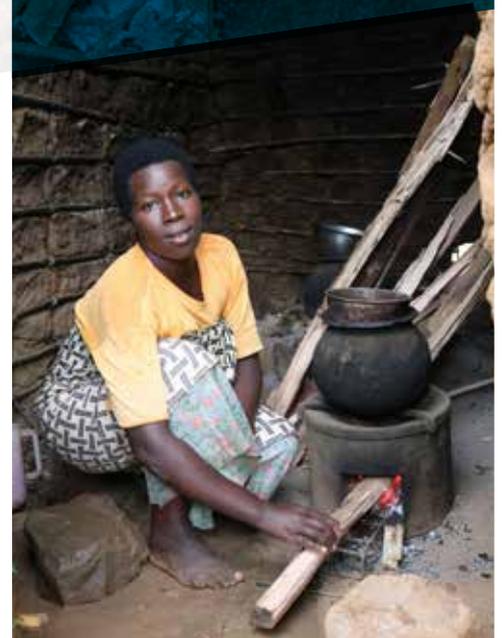
### The Project

The replacement fuel-efficient stove will lead to a significant reduction in the annual usage of biomass for users. The improved stove has been designed to balance efficiency, safety, cost, stability and strength with a focus on using locally available materials.

### The Benefits

By reducing the consumption of non-renewable wood and providing cookstoves with fuel savings, this project reduces the amount of greenhouse gas emissions into the atmosphere. A decrease of deforestation has a positive impact on biodiversity. Households save money by having less fuel requirements for cooking the same amount of food and health is improved through the reduction of indoor air pollutants from cleaner cookstoves. The project also generates employment and income for people via the distribution and maintenance of the stoves, as well as training and employing community education staff.

**Improved cookstove production that curbs deforestation, reduces fuel consumption and creates jobs.**



**Gold Standard**



**2.1 million hours**

saved per year by reducing the need to collect firewood, freeing up time for income generating activities



**10,800 stoves**

distributed to households, improving health by reducing indoor smoke



**58,315 tCO<sub>2</sub>e**

reduced annually on average by reducing fuel consumption when cooking



**70 %**

less firewood needed compared to traditional stoves, relieving deforestation pressures

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

**Official name:** Improved Kitchen Regimes Multi-Country PoA Master Project

**UNFCC/markit/VCS link:** [https://mer.markit.com/br-reg/public/master-project.jsp?project\\_id=103000000000028](https://mer.markit.com/br-reg/public/master-project.jsp?project_id=103000000000028) | **GS ID:** 1247

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